



Chesapeake Bay TMDL Watershed Implementation Plan – Phase II

Stakeholder Advisory Group

March 15, 2012

Expanded Use of Nutrient Credits

Russ Baxter, DEQ

- Secretary Domenech submitted report 1/9/12
www.deq.virginia.gov/vpdes/NutCrdExStudy.html
- Senate Bill 77 (Watkins) and House Bill 176 (Knight)
- Updates Stormwater Offsets provisions
- Clear Regulatory Authority established for DCR: certification, assess fee, establish baselines (based on WIP levels of implementation), establish financial assurance requirements
- Retires 5% of registered credits
- Establishes Virginia Credit Registry
- Expands uses: Ms4, CAFO, Industrial Stormwater
- Program remains the same until regulations are effective

James River Study

Russ Baxter, DEQ

- Scientific Panel Established
- Workplan Drafted by panel
- NOIRA published
- Modeling and Monitoring contracts to be awarded in 2012
 - Monitoring will focus on characterizing algal bloom occurrences
 - Modeling will focus on building a water quality/phytoplankton model of the James

www.deq.virginia.gov/wqs/rule.html



Slowly Available Nitrogen Study

Andy Alvarez, VDACS

Resource Management Plans

Ginny Snead, DCR

- Regulatory Advisory Panel
 - Qualifying Practices
 - Resource Management Plan
 - Certificate Issuance
 - Inspection/Verification/Compliance
- March 29 - Draft proposed regulations to SWCB
- August - Public comment
- December – Final regulations to SWCB
- February 2013 – Target effective date for final regulation
- Voluntary BMP Tracking Pilot Projects

MS4/Stormwater Programs

Ginny Snead, DCR

- EPA review of Virginia's urban stormwater programs - September 2011
 - Reorganization of Stormwater Division at DCR
 - Revised Virginia Stormwater Regulations effective September 13, 2011
 - Have not yet received final assessment from EPA
- Expected MOU on the programs' current status and future expectations
 - Submitted draft template permit and fact sheet Tuesday March 13 to EPA
 - Developing schedule for the issuance of Phase I MS4 permits
 - Developing Compliance Management Strategy for post-construction stormwater and MS4 programs
- Revised Virginia Stormwater Management Regulations
 - Effective on September 13, 2011
 - Compliance criteria and methodologies have changed
 - Local governments to implement programs July 1, 2014



Virginia's Phase II WIP

Joan Salvati, DCR

Virginia's Phase II WIP

Local Deliverables & Deadlines

- Desired local deliverables
 - Current BMPs
 - Update 2012 progress (January 2013)
 - Land Use / Land Cover
 - Work with EPA for use in Phase 6 model (2012/2013)
 - 2017/2025 BMP Scenarios
 - WIP II Input Deck
 - Strategies to implement BMP scenarios
 - WIP II Document
 - Resource needs
 - WIP II Document

Virginia's Phase II WIP

Local Data Collection Results

- Received data submissions from 95 percent of Bay localities
- 99.5% of watershed land area

Summary of Locality Data Submissions by Deliverable

	LAND USE	CURRENT PROGRESS	2025 SCENARIO	STRATEGIES	RESOURCES
Responsive	94%	94%	93%	95%	95%
New Data Provided	54%	65%	40%	75%	75%
No New Data	40%	29%	53%	20%	20%
No Response	6%	6%	7%	5%	5%

Virginia's Phase II WIP Federal Facilities Response

- 1.7 million acres of Federal Lands in Virginia's Bay Watershed (12.3%)
- 12 Federal Departments
- 39% of Federal Departments responded
- Those responding hold approximately 90% of the land
 - Land use information
 - Cataloging existing BMPs
 - Few 2025 implementation scenarios or strategies
- Continuing to work with DoD to develop MOU

Virginia's Phase II WIP

Next Steps

- March 30 – Document submission to EPA
- April 1 – May 31 – Public comment period
- July 1 – Finalize WIP II based on public comment
- Continued engagement of local and federal partners
 - Capacity Building
 - Implementation
 - Tracking and Reporting
 - Milestone Planning

Virginia's Phase II WIP

SAG Comments

